



Sugar Packaging C84 Continuous Ink-Jet Printing

Market

What is being marked?

Paper bag containers for sugar, 2-lb and 4-lb clay-cote bags for the confectionary packaging industry.

Application

Why is it being marked?

Traceability, shift code and plant ID as one to two line messages made of 1/8" - 1/4" characters.

When is it marked?

After bags are filled and moving on production line at about 50 fpm.

How is it marked?

With Matthews I-Mark C84 CIJ printer, black L-3103 ink, and a B6715-515-00 Positive Air Kit option. Marking is performed with the C84 in an over-the-line orientation, as bags move past the printhead via conveyor. Approximately 20,000 bags are marked per 8-hour shift.



Helpful Hints

The C84 with the optional B6517-515-00 Positive Air Kit presents a key competitive advantage over competitive CIJ printers, in harsh environments where there are particulates and other debris in the air. The Positive Air Kit option, forces air internally into the printhead chamber, preventing external particulates from entering the printhead nozzle and assembly. This positive air allows the head to operate reliably without having debris introduced to critical operating components of the C84.

In this application, the C84 supplanted existing VideoJet units, where approximately 20 VideoJet systems have been operating. The C84 with the Positive Air Kit offers the confectionary industry a great marking solution for harsh environments.



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